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Ft Riley

Manhole Issues

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Proposed Manhole

Window Placement:

- Too high
- Prevent Future Growth
- Expansion will be costly
- Possible loss of structural Integrity

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Elements typically Included in a Manhole

- Cable Rack (Typical)
- Cable Rack Support (Typical)
- 14” Cable Hook (Typical)
- 4” Concrete Encased PVC Conduit and Duct Plug (Typical)
- Pulling-in Iron (Typical)
- Sump (Typical)
- Collar (Typical)
- ¾” x 10” Copper Clad Iron Ground Rod with 4” stub (Typical)
- Grading Rings (to Make Cover Fluch with Ground (2’ Cover Minimum)

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Acceptable Telecommunications Manhole

View of the Bottom Half of the Manhole Manholes are pre-cast In halves to improve Structural integrety

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Acceptable Telecommunications Manhole

- Clamshell Design
- Knockouts are centered left to right and positioned near the bottom of the MH
- Facilitates maximum expansion potential
- Ensures structural integrity is not compromised

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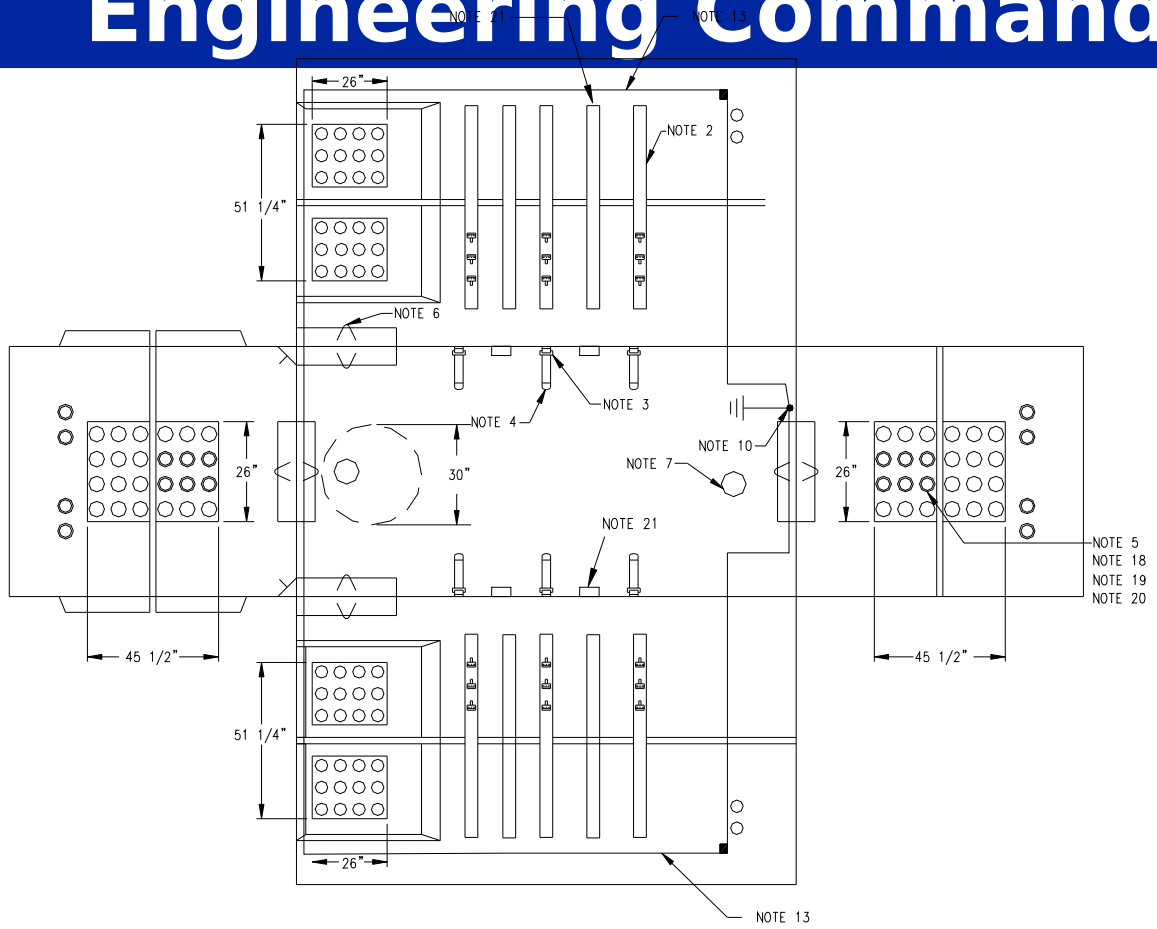

38Y MANHOLE FITTINGS (TYP).

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Recommendations

- ISEC and DOIM Review RFP prior to distribution
- DOIM Installation Standards considered such as:
  - Type Mfgr of Data Switches
  - Type Fiber connectors used
  - Cable Jacket Colors used